

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

AR220 BROOKLYN UNION GAS DANGMAN PARK MGP
East 486 NEPTUNE AVE
1/4-1/2 BROOKLYN, NY 11224

NY SHWS S109416397
NY MANIFEST N/A

0.340 mi.
1795 ft.

Site 2 of 2 in cluster AR

Relative:
Higher

SHWS:

Actual:
6 ft.

Name: K - DANGMAN PARK MGP
Address: 486 NEPTUNE AVE
City,State,Zip: BROOKLYN, NY 11224
Program: HW
Site Code: 379111
Classification: A
Region: 2
Acres: 0.93799999999999994
HW Code: 224047
Record Add: 03/29/2007
Record Upd: 04/06/2018
Updated By: GWCROSS

Site Description:

Location: The Dangman Park MGP site is located in an urban area, in Coney Island, Brooklyn. The site totals approximately 1 acre of land bounded by Neptune Ave to the north, W. 5th St. to the east, a residential parcel to the south, and a commercial parcel to the west. The site is contained within Lots 1R and 25 of Block 7273. Site Features: Currently, a large part of the shopping center has been demolished, making way for remediation and new development. The site is approximately 1,300 feet southeast of Coney Island Creek and approximately 2,400 feet north of New York Bay. Current Zoning and Land Use: The site is currently under development and is zoned for residential and commercial uses. The surrounding parcels are currently used for a combination of commercial and residential. The site is located within a special purpose zoning district designated as the "Special Ocean Parkway District." Past Use of the Site: An MGP operated on-site from approximately 1895 until sometime between 1906 and 1930. As a result of the MGP operations, coal tar has impacted the subsurface soil and groundwater on parts of the site. The above-grade MGP structures were removed sometime between 1906 and 1930. The below grade portions of the former gas holders, tar tank, and cistern are all likely sources of the tar releases from the former MGP. By 1930, the site was occupied by a club house. By 1966, the Trump Village Shopping Center occupied the northern and central portions of the site. During the winter of 2016-2017, a substantial part of the Trump Village Shopping Center was demolished to make way for new development, making the underlying contamination available for cleanup. Site Geology and Hydrogeology: The subsurface soils under the site consist of approximately 5 to 15 feet of fill material overlying glacial sand deposits. The groundwater table is approximately 6.5 to 7.5 feet below ground surface and ground water flows northwest, toward Coney Island Creek.

Env Problem:

Nature and Extent of Contamination: Prior to Remediation Based upon investigations conducted to date, the primary contaminant of concern is coal tar. Soil - Coal tar impacts were observed primarily in borings drilled in the central and eastern portions of the Site and generally correspond with the footprint of the former MGP operations and areas slightly upgradient and downgradient of the former MGP operations. The highest BTEX and PAH concentrations in soil generally correspond with the observed coal tar and petroleum hydrocarbon impacts. The deepest tar-saturated soil was encountered in SB-9, 70 to 75 ft bgs. The deepest tar-impacted (tar blebs) soil was encountered in SB-4 to a depth of 80 to 90 ft bgs. The boring across

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Neptune Ave. (MW-20) confirms that the downgradient extent (north) of tar migration is delineated by the Lot 1 northern property boundary. SB-23 and SB-24 represents the upgradient extent (south) that tar migrated from the source area region. Impacts to the east are delineated by SB-12 and SB-10, and west are delineated by SB-11 and SB-8. Groundwater - Observed coal tar and petroleum hydrocarbon impacts are a continuing source of groundwater impacts. The highest BTEX and PAH concentrations in groundwater were detected in MW-5 and MW-11, screened from 30 to 40 ft bgs. Both are located in the source area region, near the former gas holders and tar tank. Concentrations of BTEX and light-end PAHs at the Lot 1 northern boundary persist only at depth and are associated with the deeper tar-related impacts encountered upgradient, the SB-9 area. The well across Neptune Ave. (MW-20) confirms that the northern extent of groundwater contamination does not go beyond Neptune Ave. MW-13 and MW-14 bound the impacts to the west. MW-18 bounds the impacts to the east. Groundwater impacts were generally not detected south (upgradient) of former MGP operations, indicated by MW-12 and MW-7. Soil Vapor & Indoor Air - Indoor air samples taken within the strip mall show no elevated concentrations of MGP-related contaminants. However, non MGP contaminants including (2-butanone (methyl ethyl ketone), Freon 12, MBK and PCE were detected above background indoor air concentrations in 2 of the strip mall stores.

Health Problem: Persons who dig below the ground surface may come into contact with contaminants in subsurface soil and groundwater. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Sampling has indicated that the potential exists for people to inhale site contaminants in indoor air due to soil vapor intrusion and actions have been recommended to address this potential. Sampling indicates that soil vapor intrusion is not a concern for off-site properties.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2013-09-20 14:05:00
Record Upd: 2015-04-06 14:16:00
Updated By: WXWU
Own Op: Document Repository
Sub Type: NNN
Owner Name: John Miller
Owner Company: NYSDEC Central Office
Owner Address: 625 Broadway Floor 11
Owner Addr2: Not reported
Owner City,St,Zip: Albany, NY 12233-7014
Owner Country: United States of America
Own Op: Owner
Sub Type: 06

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Owner Name: Not reported
Owner Company: 532 NEPTUNE ASSOCIATES LLC
Owner Address: 45 BROADWAY
Owner Addr2: Not reported
Owner City,St,Zip: NEW YORK, NY 10006-3007
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Community Board 13
Owner Address: 1201 Surf Ave Floor 3
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11224
Owner Country: United States of America
Own Op: Owner
Sub Type: 06
Owner Name: Not reported
Owner Company: TRUMP VILLAGE SECTION 4 INC.
Owner Address: 2928 W. 5TH ST.
Owner Addr2: Not reported
Owner City,St,Zip: BROOKLYN, NY 11224-3902
Owner Country: United States of America
HW Code: 224047
Waste Type: COAL TAR
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 1600421
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2016-04-13 15:24:00
Record Updated: 2016-04-13 15:24:00
Updated By: HRAHMED
Crossref ID: 1600711
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2016-04-22 10:16:00
Record Updated: 2016-04-22 10:16:00
Updated By: TJDEMEO

NY MANIFEST:

Name: BROOKLYN UNION GAS DANGMAN PARK MGP
Address: 486 NEPTUNE AVE
City,State,Zip: BROOKLYN, NY 11224
Country: USA
EPA ID: NYR000220368
Facility Status: Not reported
Location Address 1: 486 NEPTUNE AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11224
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYR000220368
Mailing Name: BROOKLYN UNION GAS DANGMAN PARK MGP
Mailing Contact: KATHERINE VATER

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EDR ID Number
EPA ID Number

Mailing Address 1: 287 MASPETH AVE
Mailing Address 2: DANGMAN PARK SITE
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11211
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 6088263663

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2017
Trans1 State ID: NJD080631369
Trans2 State ID: Not reported
Generator Ship Date: 09/14/2017
Trans1 Recv Date: 09/14/2017
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/14/2017
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000220368
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD980536593
TSDF ID 2: Not reported
Manifest Tracking Number: 001164179VES
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H141
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 800
Units: P - Pounds
Number of Containers: 2
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1
Waste Code: D002
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported